



DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
WASHINGTON, DC 20380-0001

MCO 3470.10
SSCGP-283
4 AUG 93

MARINE CORPS ORDER 3470.10

From: Commandant of the Marine Corps
To: Distribution List

Subj: MATERIEL FIELDING PLAN (MFP) FOR THE EXTREME COLD WEATHER
TENT (ECWT)

Ref: (a) MCO P4105.3
(b) MCO P5000.10C


Encl: (1) Materiel Fielding Plan for the Extreme Cold Weather
Tent (ECWT)

1. Purpose. The enclosure is published per the provisions of references (a) and (b). This Order is intended to serve as a single, stand-alone document which consolidates all actions, schedules, procedures, requirements, and information necessary to ship, receive, deploy, and sustain the ECWT.

2. Information. The MFP provides information in sufficient detail, accuracy, and timeliness to allow field commanders of the receiving and supporting units to plan and budget for the arrival and support of the ECWT.

3. Action. The commanders of each organizational element concerned shall ensure implementation of the provisions of the Order.

4. Reserve Applicability. This Order is applicable to the Marine Corps Reserve.


J. A. BRABHAM
By direction

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MATERIEL FIELDING PLAN (MFP) FOR THE
EXTREME COLD WEATHER TENT (ECWT)

1. Introduction

a. Source of Requirement. The Marine Corps has researched hardware systems to fulfill critical requirements for the ECWT Required Operational Capability LOG 1.60. In cold weather climates, Marines must have a shelter system which provides protection from the elements while sleeping or resting and is capable of rapid mobility.

b. Points of Contact (POC's)

<u>Title</u>	<u>Unit/ Code</u>	<u>Commercial- DSN</u>
Program Manager	MARCORSYSCOM (SSC)	(703) 640-4291 (DSN) 278-4291
Assistant Program	MARCORSYSCOM (SSCGP)	(703) 640-4354 (DSN) 278-4354
Project Officer	MARCORSYSCOM (SSCGP)	(703) 640-4354 (DSN) 278-4354
Inventory Manager	COMMARCORLOGBASES (Code 835-2)	(912) 439-6530 (DSN) 567-6530

c. Fielding Methodology

(1) General Fielding Plan. The ECWT will be fielded horizontally as shown in appendix A. The quantities reflected in appendix A represent the total Table of Equipment allowance for each unit. For Fleet Marine Force (FMF) units, these quantities also represent both the FMF Commander's Authorized Allowance and Field Allowance as described in MCO 4000.10.

(2) Method of Fielding. The ECWT will be force-fed by the Marine Corps Systems Command, Quantico, VA, to the active forces. Therefore, the submission of requisitions for the ECWT will not be required.

d. Replaced Systems Equipment. The ECWT will replace the tent sheets.

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2. Systems Description

a. Administrative Information

- (1) Nomenclature: ECWT
- (2) TAMCN: V4652 1IE
- (3) SAC: 1
- (4) NSN: To-be provided by Inventory Manager in 4th quarter FY93
- (5) ID No.: To be provided by Inventory Manager in 4th quarter FY93
- (6) Unit of Issue: Each
- (7) Unit Cost: \$911.52
- (8) Support Cost: \$91.15
- (9) Petroleum, Oil, and Lubricants: Not Applicable
- (10) Equipment Density: Normal
- (11) Readiness Reporting: Non-MARES reportable
- (12) MIC Code: P

b. Physical Characteristics

	<u>Operational Configuration</u>	<u>Storage/Shipping Configuration</u>
(1) Length:	102 in	28.5 in
(2) Width:	110 in	14.5 in
(3) Height:	55 in	13 in
(4) Area:	78 sq ft	2.87 sq ft
(5) Cube:	357 cu ft	3.10 cu ft
(6) Weight:	18 lbs	30 lbs
(7) Stowage:	357 cu ft	3.10 cu ft
(8) Power Requirements:	Not applicable	

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c. Operational Characteristics. The ECWT is a durable, lightweight, four-man tent which is structured by a vapor-permeable ripstop, flame-resistant nylon material and collapsible aluminum alloy poles, forming its self-supporting, dome-shaped design. It can be assembled by two men; there are no special tools required for its erection and striking. The tent will not emit toxic fumes if exposed to flame. It will be capable of shedding snow in all configurations to a degree sufficient to ensure the structural integrity of the shelter. It has a durable, waterproof floor and is designed to be stable in high winds.

To match surrounding environments, it will have a choice of three fly sheets: desert camouflage, white, or woodland camouflage. There will be a vestibule entrance area with enough space for two men to shed their packs and cold weather clothing before entering the tent body. The vestibule will also serve as an area for meal preparation with enough room for four men to sit and eat. The complete tent assembly will fit into two stuff sacks, which are provided with the tent and accessories. One stuff sack contains the tent body, one white flysheet, one set of poles, and the pitching instructions; the other stuff sack contains one desert camouflage flysheet and one woodland camouflage flysheet. A repair kit, consisting of ripstop nylon tape, shall be provided with each tent.

d. Associated Systems/Equipment. Not applicable.

3. Logistic Support

a. Maintenance Support. First echelon maintenance will be performed by the using unit. Repairs beyond the first echelon maintenance will be performed by the General Support Maintenance Company, Maintenance Battalion. Due to the relative simplicity of this concept, a detailed Maintenance Plan is not included herein. This preventative maintenance will include cleaning of all components, any necessary adjustments, and examination for excessive/unnatural wear. Adhesive-backed ripstop nylon tape will be overpacked with each tent.

b. Contractor Support Requirements. Not applicable.

c. Manpower, Personnel, and Training. There will be no training requirements for the ECWT.

d. Supply Support. Replacement components can be ordered from the manufacturer of this Nondevelopmental Item. There will be no provisioning of spare parts in the supply system at this time.

e. Support Equipment. Not applicable.

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f. Technical Publications. A commercial instruction sheet will be provided by the contractor for the ECWT. The commercial instruction sheet will be overpacked with the initial shipment of the ECWT. A Publication Control Number is not available.

g. Computer Resources Support. There will be no special computer resources required for the ECWT.

h. Facilities. Not applicable.

i. Packaging, Handling, Storage, and Transportation. EWCT's will be packaged one per box in cardboard shipping boxes. Unit packs shall be marked on end and placed in the outer shipping boxes so that the markings are visible upon opening the container. Palletization will be on a 4-way entry pallet. Each prepared load shall be bonded with horizontal, primary and secondary straps or film bonding.

j. Warranties. The Marine Corps will accept the commercial warranty offered by the Contractor.

4. Actions Required to Place Equipment in Service

a. Gaining Commands. Depending on the method of shipment and packaging, material handling equipment may be required for unloading the ECWT. Once in service, defect reporting and maintenance support will be accomplished per current directives.

b. COMMARCORLOGBASES, Albany. When requested by the COMMARCORSSYSCOM, and in coordination with the POC's, direct the shipment of the ECWT from the manufacturer to the designated recipients. Assume total logistics responsibility for the ECWT as of the initial in-service date.

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LIST OF ALLOWANCES AND DELIVERY SCHEDULES
BY UNIT

<u>Actual</u> <u>T/E No./AAC</u>	<u>Name of Unit</u>	<u>Unit</u> <u>Allowance</u>	<u>Allowance</u>
7671/M33610	MCMWTC	300	300
N0001/MMC199	I MEF TAM Type 3 Auth	2,250	2,250
N0002/M93135	II MEF TAM Type 3 Auth	2,250	2,250
N0003/MMR690	III MEF TAM Type 3 Auth	2,250	2,250
N0004/MMK107	1st MARBDE TAM Type 3 Auth	0	0
N0005/M96221	4th MarDiv TAM Type 3 Auth	2,250*	2,250
W1121/MMV410	HqCo, InfRegt/PREPONOR	78	78
W1172/MMV410	H&SCo, InfBn, InfRegt/PREPONOR	267 (X3)	801
W1321/MMV410	Det, H&Sco, CbtEngrBn/PREPONOR	27	27
W1323/MMV410	EngrCo, CbtEngrBn/PREPONOR	42	42
W1526/MMV410	Tow PIt, Tank Bn/PREPONOR	24	24
W1996/MMV410	MEB Hq, H&sco/PREPONOR	18	18
W2208/MMV410	155mm M198 Btry, D/s(T) Bn/PREPONOR	171 (X3)	513
W2209/MMV410	Hq Btry, D/S(T) Bn (M198)/PREPONOR	63	63
W3211/MMV410	Det, H&SCo, H&SBn/PREPONOR	120	120
W3251/MMV410	Det, H&SCo, EngrSptBn/PREPONOR	42	42
W3253/MMV410	Det, BridgeCo, EngrSptBn/PREPONOR	15	15
<u>W3255/MMV410</u>	<u>EngrCo, EngrSptBn/PREPONOR</u>	36	36

*An option quantity.

Appendix A to
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LIST OF ALLOWANCES AND DELIVERY SCHEDULE
BY YEAR (PLANNED)

	Planned <u>FY92</u>		Planned <u>FY93</u>			Planned <u>FY94</u>				Planned <u>FY 95</u>			
<u>T/E #</u>	<u>10</u>		<u>10</u>	<u>20</u>	<u>30</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>
7671	220		80										
N0001									776	1101	4		
N0002	750		1022	1101	1101	1101	547						
N0003	60						554	1101	325				
N0004											1097	337	
N0005												*86	1144*
N1441	20												
W1121												78	
W1172												686	115
W1321													27
W1323													42
W1526													24
W1996													18
W2208													513
W2209													63
W3211													120
W3251													42
W3253													15
W3255													36

*If funded.

Appendix A to
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SCHEDULE OF EVENTS

Planned Inventory Objective:

Planned Asset Dynamics:	FY92	FY93	FY94	FY95	FY96
Planned Procurement					

Schedule:	5000	2027	2026	2026	
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Planned Issue to Field:		5000	2027	2026	2026
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Scheduled Delivery: Initial deliveries are scheduled to begin
4th quarter FY93.

Appendix B to
ENCLOSURE (1)